

01-31-05

IPW

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

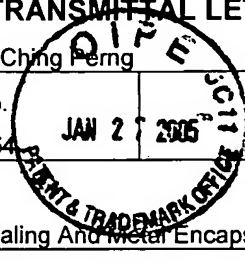

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/824,754	
	Filing Date	April 15, 2004	
	First Named Inventor	Dung-Ching Perng	
	Group Art Unit	2815	
	Examiner Name	D. N. Richards	
Total Number of Pages in This Submission (excluding references)	13	Attorney Docket Number	45271.00015

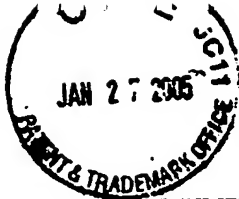
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Deposit Account 07-1850 Authorization	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Postage Paid Return Postcard	<input type="checkbox"/> Drawing(s) In/Formal ___ Sheets with Submission of Drawings Transmittal	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Response (10 pages)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> Amendment Transmittal Letter (in duplicate)	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input checked="" type="checkbox"/> Transmittal form
<input type="checkbox"/> Petition for Extension of Time (___ months) (in duplicate)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Information Disclosure Statement (in duplicate) with Form PTO-1449 citing References	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Express Mail Label No. EV 337 975 940 US	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Squire, Sanders & Dempsey L.L.P. Charles E. Runyan, Ph.D. Reg. No. 43,066
Signature	
Date	January 27, 2005

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: January 27, 2005			
Typed or printed name	Patricia Gamble		
Signature		Date	January 27, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. 45271.00015	
Applicant(s): Dung-Ching Perng					
Serial No. 10/824,754		Filing Date April 15, 2004	Examiner N. Drew Richards	Group Art Unit 2815	
Invention: Methods of Pore Sealing And Metal Encapsulation In Porous Low K Interconnect					
TO THE COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as show below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	14	20	0	X \$50.00	\$00.00
INDEP. CLAIMS	1	3	0	X \$200.00	\$00.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$00.00.
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$00.00
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input type="checkbox"/> Please charge Deposit Account No. 07-1850 in the amount of \$00.00</p> <p style="margin-left: 20px;">A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of any necessary fees associated with this communication or credit any overpayment to Deposit Account No. 07-1850</p> <p style="margin-left: 20px;">A duplicate copy of this sheet is enclosed.</p> <p><input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16</p> <p><input type="checkbox"/> Any patent application processing fees under 37 C.F.R. 1.17.</p> </div> <div style="width: 35%; text-align: right;">  <p>_____ Charles E. Runyan Reg. No. 43,066</p> </div> </div> <p>Dated: January 27, 2005 Squire, Sanders & Dempsey L.L.P. 1 Maritime Plaza, Suite 300 San Francisco, CA 94111 (415) 954-0200</p> <p>cc: Docket:</p>					



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dung-Ching Perng	Examiner: N. Drew Richards
Serial No.: 10/824,754	Art Unit: 2815
Filed: 4/15/2004	
Title: Methods of Pore Sealing and Metal Encapsulation in Porous Low K Interconnect	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Examiner Richards:

This responds to the Office Action dated November 16, 2004.

Specification amendments begin at page 2.

Claim amendments begin at page 3.

Remarks begin at page 5.